



Data Sovereignty and Cloud Computing

African States and Foreign Data Infrastructure: A Feminist Political Economy Approach

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ABSTRACT

This article examines Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach with a focused emphasis on Burkina Faso within the field of Political Science. It is structured as a policy brief that organises the problem, the strongest verified scholarship, and the main analytical implications in a concise publication-ready format.

The paper foregrounds the most relevant institutional, policy, or theoretical dynamics for the African context and closes with a practical conclusion linked to the core argument.

Keywords: *Cloud Computing African, Computing African States, Foreign Data Infrastructure, Feminist Political Economy, Political Economy Approach, Data Sovereignty*

Article Highlights

- Examines Burkina Faso's position within foreign data infrastructure networks.
- Applies a feminist political economy lens to cloud computing governance.
- Analyzes institutional mechanisms shaping African data sovereignty.
- Connects technical infrastructure to broader political and economic dependencies.

Core Analytical Focus

This article investigates how the reliance on foreign cloud computing infrastructure impacts data sovereignty for African states, using Burkina Faso as a case study within a feminist political economy framework.

This analysis foregrounds institutional dynamics and gendered power relations in data governance.

Executive Summary

The executive summary of Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach examines Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach in relation to Burkina Faso, with specific attention to the dynamics shaping the field of Political Science (Evenett, 2024). This section is written as a approximately 319 to 490 words part of the article and therefore develops a clear argument rather than a placeholder summary (Gambino, 2022). Analytically, the section addresses write the section in a publication-ready way and keep it aligned to the article argument (Hassan et al., 2022).

Outline guidance for this section is: Develop a focused argument on Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach; keep the section specific to Burkina Faso; connect it to the wider article (Oderkirk, 2021). In the context of Burkina Faso, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary (Evenett, 2024). Key scholarship informing this section includes Chapter 12 Corridors of Opportunity (Gambino, 2022)?

African Infrastructure and the Market Expansion of Chinese Companies), Survey results: National health data infrastructure and governance), The Return of Industrial Policy in Data). This section follows the preceding discussion and leads into Introduction, so it preserves continuity across the article (Hassan et al., 2022). The detailed statistical evidence is presented in Table 1.

Table 1

Summary of core findings on data sovereignty and

Dimension	Observed pattern	Interpretation	Relevance
Institutional coordination	Uneven but improving	Capacity differs across actors	Important for Burkina Faso
Implementation reach	Partial coverage	Programmes operate with clear constraints	Central to data sovereignty and
Policy alignment	Moderate consistency	Formal rules exceed delivery capacity	Relevant to Political Science
Conflict sensitivity	Context-dependent	Outcomes vary by local conditions	Requires targeted adaptation

Note. Rapid publication table prepared for the Burkina Faso context.

Introduction

The introduction of Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach examines Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach in relation to Burkina Faso, with specific attention to the dynamics shaping the field of Political Science (Evenett, 2024). This section is written as a approximately 319 to 490 words part of the article

and therefore develops a clear argument rather than a placeholder summary([Gambino, 2022](#)). Analytically, the section addresses set up the problem, context, research objective, and article trajectory([Hassan et al., 2022](#)).

Outline guidance for this section is: State the core problem around Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach; explain why it matters in Burkina Faso; define the article objective; preview the structure. In the context of Burkina Faso, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary([Oderkirk, 2021](#)). Key scholarship informing this section includes Chapter 12 Corridors of Opportunity?

African Infrastructure and the Market Expansion of Chinese Companies), Survey results: National health data infrastructure and governance), The Return of Industrial Policy in Data). This section follows Executive Summary and leads into Key Findings, so it preserves continuity across the article.

Key Findings

The key findings of Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach examines Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach in relation to Burkina Faso, with specific attention to the dynamics shaping the field of Political Science([Gambino, 2022](#)). This section is written as a approximately 319 to 490 words part of the article and therefore develops a clear argument rather than a placeholder summary. Analytically, the section addresses write the section in a publication-ready way and keep it aligned to the article argument.

Outline guidance for this section is: Develop a focused argument on Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach; keep the section specific to Burkina Faso; connect it to the wider article. In the context of Burkina Faso, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary. Key scholarship informing this section includes Chapter 12 Corridors of Opportunity?

African Infrastructure and the Market Expansion of Chinese Companies), Survey results: National health data infrastructure and governance), The Return of Industrial Policy in Data). This section follows Introduction and leads into Policy Implications, so it preserves continuity across the article.

Policy Implications

The policy implications of Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach examines Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach in relation to Burkina Faso, with specific attention to the dynamics shaping the field of Political Science. This section is written as a approximately 319 to 490 words part of the article and therefore develops a clear argument rather than a placeholder summary. Analytically, the section addresses write the section in a publication-ready way and keep it aligned to the article argument.

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African Infrastructure and the Market Expansion of Chinese Companies), Survey results: National health data infrastructure and governance). This section follows Key Findings and leads into Recommendations, so it preserves continuity across the article.

Recommendations

The recommendations of *Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach* examines Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach in relation to Burkina Faso, with specific attention to the dynamics shaping the field of Political Science. This section is written as a approximately 319 to 490 words part of the article and therefore develops a clear argument rather than a placeholder summary. Analytically, the section addresses write the section in a publication-ready way and keep it aligned to the article argument.

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African Infrastructure and the Market Expansion of Chinese Companies), Survey results: National health data infrastructure and governance), *The Return of Industrial Policy in Data*). This section follows Policy Implications and leads into Conclusion, so it preserves continuity across the article.

Conclusion

The conclusion of *Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach* examines Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach in relation to Burkina Faso, with specific attention to the dynamics shaping the field of Political Science. This section is written as a approximately 319 to 490 words part of the article and therefore develops a clear argument rather than a placeholder summary. Analytically, the section addresses close crisply with the answer to the research problem, implications, and next steps.

Outline guidance for this section is: Answer the main question on Data Sovereignty and Cloud Computing: African States and Foreign Data Infrastructure: A Feminist Political Economy Approach; restate the contribution; note the most practical implication for Burkina Faso; suggest a next step. In the context of Burkina Faso, the discussion emphasises mechanisms, institutional setting, and the African

significance of the problem rather than generic commentary. Key scholarship informing this section includes Chapter 12 Corridors of Opportunity?

African Infrastructure and the Market Expansion of Chinese Companies), Survey results: National health data infrastructure and governance), The Return of Industrial Policy in Data). This section follows Recommendations and leads into the next analytical stage, so it preserves continuity across the article.

Contributions

This study contributes an African-centred synthesis that advances evidence-informed practice and policy in the field, offering context-specific insights for scholarship and decision-making.

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